

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Xiong Liu et al.

Group Art Unit:

Filed : herewith

Examiner:

For : METHOD OF DETERMINING THE  
MASS UNBALANCE OF AN  
ACTUATOR

Docket No.: S104.12-0047/STL 11383.00

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

Express Mail No. EV 241979361 US  
Date of Deposit: December 9, 2003

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of US Patents and Publications.

**TIME OF FILING**

The information disclosure statement is being filed:

1.   X   with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. In accordance with 37 C.F.R. § 1.97(b), no statement or fee is required.
2.        after the time period specified in paragraph 1 above, but before the mailing date of a final action under 37 C.F.R. § 1.113 or notice of allowance under 37 C.F.R. § 1.311. Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:

(check either A or B below)

A.        a statement as specified in 37 C.F.R. § 1.97(e).

B.        the fee set forth in 37 C.F.R. § 1.17(p) for

submission of an information disclosure statement under 37 C.F.R. § 1.97(c).

3. \_\_\_\_\_ after the mailing date of either a final action under 37 C.F.R. § 1.113 or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant petitions for consideration and submits herewith:
- A. a statement as specified in 37 C.F.R. § 1.97(e);
  - B. the petition fee set forth in 37 C.F.R. § 1.17(p).

**STATEMENT**

(only used if No. 2(A) or No. 3 above is checked)

The person(s) signing below certify

(check appropriate paragraph)

\_\_\_\_\_ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(1).

OR

\_\_\_\_\_ that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(2).

**METHOD OF PAYMENT**

  X   No fee is required.

       Attached is a check in the amount of \$\_\_\_\_\_.

The Director is authorized to charge any fee deficiency

required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By: *Leanne R. Taveggia*  
Leanne R. Taveggia, Reg. No. 53,675  
Suite 1600 - International Centre  
900 Second Avenue South  
Minneapolis, Minnesota 55402-3319  
Phone: (612) 334-3222  
Fax: (612) 334-3312

LRT/jme

FORM PTO-1449	Atty. Docket No.: S104.12-0047/STL 11383.00	Appl. No.:
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor: Xiong Liu et al.	
	Filing Date herewith	Group Art:

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	2001/0038508 A1	11/8/01	Thia et al.	360	75	
AB	4,214,481	7/29/80	Reutlinger	73	462	
AC	4,262,536	4/21/81	Orem et al.	73	462	
AD	4,310,892	1/12/82	Himmeler	364	508	
AE	5,267,110	11/30/93	Ottesen et al.	360	106	
AF	5,319,509	6/7/94	Michelson et al.	360	77.03	
AG	5,404,636	4/11/95	Stefansky et al.	29	603	
AH	5,444,583	8/22/95	Ehrlich et al.	360	78.09	
AI	5,835,302	11/10/98	Funches et al.	360	78.07	
AJ	5,854,721	12/29/98	Lim	360	106	
AK	5,867,348	2/2/99	Suwa	360	106	
AL	6,225,799	5/1/01	Gergel et al.	324	212	
AM	6,324,890	12/4/01	Yeo et al.	73	9	
AN	6,344,942	2/5/02	Yarmchuk	360	75	
AO	6,453,722	9/24/02	Liu et al.	73	9	
AP	6,563,661	5/13/03	Thia et al.	360	75	

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	
AR	
AS	

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.